

DETAILED ACTION

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on November 5, 2010 has been entered.

2. Applicant's amendment dated November 5, 2010, responding to the Final Office action mailed September 1, 2010 provided in the rejection of claims 1, 3-7, 15, 17-22, and 24-34, wherein claims 1, 15, 22, and 29 have been amended.

Allowable Subject Matter

3. Claims 1, 3-7, 15, 17-22, and 24-34 (renumbered as 1-24) are allowed.

4. The following is an examiner's statement of reasons for allowance:

The cited prior art taken alone or in combination fails to suggest

"... developing a real-time operating system, comprising:

specifying a set of n tasks ... to be scheduled for execution;

specifying t init-tasks that are executed only once upon initial

execution of a task scheduler ...;

... to synthesize source code from commands embedded in source code to implement the task scheduler ... controlling one execution of each of said set of t init-tasks; and

synthesizing source code from commands embedded in source code to control execution of said set of t init-tasks, wherein synthesizing source code from commands embedded in source code includes generating new source code based on the commands embedded in source code, the synthesized source code implementing the real-time operating system and being executable on a target system after compilation.", as recited in independent claims 1 and similarly recited in independent claims 15, 22 and 29.

5. Claims (3-7), (17-21), (24-28) and (30-34) are considered allowable by virtue of their dependence on allowable independent claims 1, 15, 22, and 29 respectively.

6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ben C. Wang whose telephone number is

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(571) 270-1240. The examiner can normally be reached on 8:00-5:30

(EST/EDT), Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam can be reached on (571) 272-3695. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Ben C Wang/
Examiner, Art Unit 2192

/Michael J. Yigdall/
Primary Examiner, Art Unit 2192